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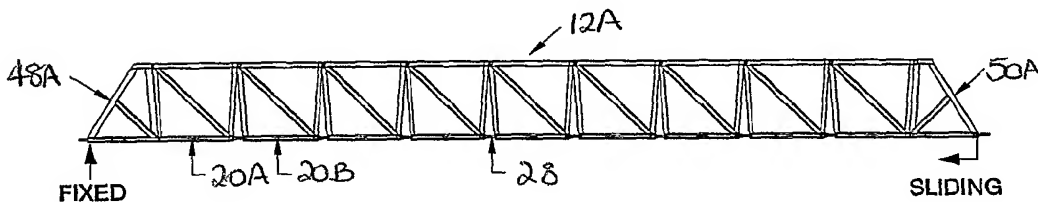
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(54) Title: MODULAR STRUCTURES



(57) Abstract: The present invention relates generally to a building or shelter system (10) comprising a series of structures or modular frames (12A) to (12F) being arranged generally parallel to and laterally spaced from one another and interconnected with roof sheeting (14). The modular frames such as (12A) are each in their erected condition in the form of a roof truss each including a plurality of constructional modules or truss modules or panels such as (16A) and (16B). The truss modules or panels such as (16A) are each shaped in the form of a trapezium including upper and lower substantially parallel chord members (18) and (20), respectively, which are interconnected at opposite ends with web members (22) and (24). the structure or module frame (12A) includes conditioning elements arranged to cooperate with the constructional modules or truss panels such as (16A) and (16B) to form the module frame (12A). The conditioning elements include tendons which locate within the hollow section of the upper and/or lower chord member (18) or (20) of adjacent and abutting truss panels such as (16A) and (16B). The conditioning elements or lower tendon such as (28) is deployed or stressed/tensioned to facilitate cooperative movement of the truss panels (16A) and (16B) and as such erection of the modular frame (12A).



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